

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently amended): An industrial robot comprising:

a manipulator having a tool at a tip end;

a robot control unit for controlling the manipulator; and

a primary teaching device and a subsidiary teaching device each for controlling the manipulator through the robot control unit,

wherein ~~the number of operations capable of being conducted by that~~ the subsidiary teaching device ~~is allowed to conduct is restricted as compared with less than the number of operations capable of being conducted by that~~ the primary teaching device ~~is allowed to conduct~~ and

wherein the robot control unit includes a storage device for storing restrict information indicating valid and invalid operations of the subsidiary teaching device.

Claim 2 (Currently amended): An industrial robot according to claim 1, wherein ~~the operations capable of being conducted by that~~ the subsidiary teaching device ~~is allowed to conduct is~~ are determined by validating the operations that the subsidiary teaching device is allowed to conduct and invalidating the operations that the subsidiary teaching device is not allowed to conduct in the primary teaching device.

Claim 3 (Currently amended): An industrial robot according to claim 2, wherein ~~the operations capable of being conducted by that~~ the subsidiary teaching device ~~is allowed to~~

~~conduct is~~ are classified as a plurality of user levels based on the allowability of the operations by the primary teaching device, and the subsidiary teaching device includes a user level judging function for judging the user level of the operation.

Claim 4 (Original): An industrial robot according to claim 1 or 2, wherein the primary teaching device and subsidiary teaching device are detachably attached to the robot control unit, and either the primary teaching device or the subsidiary teaching device is connected to the robot control unit.

Claim 5 (Currently amended): An industrial robot according to claim 4, wherein ~~the robot control unit includes a storage device for storing~~ the restrict information is stored in the storage device to restrict operation when the primary teaching device or the subsidiary teaching device is connected to the robot control unit.

Claim 6 (Original): An industrial robot according to claim 1, wherein the primary teaching device and subsidiary teaching device are simultaneously connected to the robot control unit, and the primary teaching device includes a user judging function.